



**SAN BERNARDINO
VALLEY** | A REGIONAL WATER
AGENCY SINCE 1954

**BOARD OF DIRECTORS WORKSHOP - RESOURCES/ENGINEERING
2:00 pm Tuesday, January 9, 2024**

In Person:

380 East Vanderbilt Way
San Bernardino, CA 92408

Online via Zoom:

<https://sbvmwd.zoom.us/j/82492309440>

Meeting ID: 824 9230 9440

PASSCODE: 3802020

By Telephone:

Dial-in Info: (877) 853 5247 US Toll-free

Meeting ID: 824 9230 9440

PASSCODE: 3802020

If you are unable to participate online or by telephone, you may also submit your comments and questions in writing for the District's consideration by sending them to comments@sbvmwd.com with the subject line "Public Comment Item #" (insert the agenda item number relevant to your comment) or "Public Comment Non-Agenda Item". Submit your written comments by **6:00 p.m. on Monday, January 8, 2024**. All public comments will be provided to the Board President and may be read into the record or compiled as part of the record.

IMPORTANT PRIVACY NOTE: Online participants **MUST** log in with a Zoom account. The Zoom app is a free download. Please keep in mind: (1) This is a public meeting; as such, the virtual meeting information is published on the World Wide Web and available to everyone. (2) Should you participate remotely via telephone, your telephone number will be your "identifier" during the meeting and available to all meeting participants; there is no way to protect your privacy if you elect to call in to the meeting.



SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
380 E. Vanderbilt Way, San Bernardino, CA 92408

BOARD OF DIRECTORS' WORKSHOP - RESOURCES/ENGINEERING
2:00 PM Tuesday, January 9, 2024

CALL TO ORDER

1) **INTRODUCTIONS**

2) **PUBLIC COMMENT**

Members of the public may address the Board regarding any item within the subject matter jurisdiction of the Board; however, no action may be taken on off-agenda items except as authorized by law. Each speaker is limited to a maximum of three (3) minutes.

3) **DISCUSSION AND POSSIBLE ACTION ITEMS**

- 3.1 Consider Authorizing Procurement of Additional Heavy Equipment Components (20 min) - Page 2
[Staff Memo - Consider Authorizing Procurement of Additional Heavy Equipment Components](#)
2,000 Gallon Fuel Storage Tank
F250 4WD Crew Cab

4) **FUTURE BUSINESS**

5) **ADJOURNMENT**

DATE: January 9, 2024

TO: Board of Directors' Workshop – Resources/Engineering

FROM: Wen Huang, Chief Operating Officer/ Assistant General Manager
 Leo Ferrando, Assistant Chief Engineer

SUBJECT: Consider Authorizing Procurement of Additional Heavy Equipment Components

Staff Recommendation

Staff recommends the Board of Directors (BOD) authorize the CEO/General Manager to procure additional components to support our heavy equipment fleet for up to \$140,000. This additional expenditure is still within the total authorized amount included in the FY 23/24 approved by the Board, of \$1.56 million.

Summary

During a regular BOD meeting on August 15, 2023, the Board authorized the procurement of certain heavy equipment to maintain and operate various facilities for an estimated budgetary amount of \$1,285,000. Since the authorization, staff have become aware of the need for additional equipment and accessories to support this heavy equipment fleet:

Additional Equipment	Additional Cost
Ford F250 Crew Cab Diesel 4WD	\$75,000
2,000 Gallon Fuel Storage Tank	\$25,270
Additional Cost for 10 CY Dump Truck	\$6,287
Accessories	\$30,000
Total	\$136,557

The equipment will be safely stored at the District's Warehouse site either inside the Warehouse itself or, for oversize equipment such as the dozer, within a secure perimeter fence equipped with security cameras and motion sensors so that staff can immediately be alerted in case of a potential break-in. The storage area would also include nighttime lighting, and the equipment would be

outfitted with GPS tracking sensors.

Background

On August 15, 2023, during a regular BOD meeting, the Board authorized the procurement of heavy equipment to maintain and operate various facilities for an estimated budgetary amount of \$1,285,000. During that time, a cost-benefit analysis was performed and presented that acquiring this equipment would provide the District with savings in the longer term compared to renting equipment and having a hired contractor or the District's operations staff perform the work. Operations staff needs certain heavy equipment as listed above to properly maintain and operate existing facilities, such as the Waterman, Sweetwater, and Wilson Creek recharge basins. Acquiring this equipment will also be heavily used to operate future facilities that are currently under construction, including the Enhanced Recharge Basins 1B, the Weaver Basins, the Sunrise Ranch property and its roads, and potentially the hydropower diversion facilities in the Santa Ana River and Mill Creek.

Following the procurement of the heavy equipment in August, staff became aware that additional equipment and accessories to support our future fleet would be needed in order to maximize the use and efficiency of the equipment. First, the purchase of the Ford F250 Crew Cab Truck for \$75,000 would allow staff to have more than one piece of equipment capable of towing purposes. Towing with at least two different pieces of equipment will be critical for efficiency and redundancy reasons to mobilize equipment between the District's yard and various job sites. The truck would be immediately available for delivery upon BOD approval.

Second, a Fuel Storage Tank for \$25,270 will facilitate diesel fuel needs for the District's entire fleet, including heavy equipment, construction machinery, and pickup trucks, eliminating the need to drive to offsite locations for fueling needs. Additionally, the storage tank system will also allow the District to purchase diesel fuel at wholesale pricing, resulting in more economical expenditures in the long term, and will also be a turn-key-ready system when acquired and installed. The Fuel Storage Tank will be situated above ground and is expected to be available for delivery within two months of the order.

Finally, we are requesting an additional \$6,287 be authorized for the purchase of the previously approved dump truck, which we had been estimating at about \$260,000. The final price will be \$266,287 and includes an upgraded warranty of 5 years on the motor and transmission. This item is expected to be delivered in January 2024 if approved.

Additionally, there are miscellaneous accessories required for maintenance and operation of the heavy equipment fleet, such as motor oils, chains, etc. for a budgetary amount of up to \$30,000.

The total costs for the heavy equipment procurement this fiscal year, combined with the additional components being considered at this time, remain within the total budgeted amount and are outlined in the Fiscal Impact section below.

District Strategic Plan Application

The acquisition of this equipment ensures our agency’s operational flexibility for the facilities and infrastructure to maximize the value of the water supply in our local groundwater basins, thereby enabling the District to provide a resilient and reliable water supply to our service area for future generations.

Fiscal Impact

The funds for the approved equipment, along with the items being considered today, are included in the approved 2023/2024 General Fund Budget under Line Item 6260, Vehicle Replacement and Heavy Equipment.

Equipment	Equipment Costs
Trailer	\$46,563
Water Truck (2000-gallon capacity)	\$126,444
Dump Truck (10 Yard capacity)	\$266,287
Backhoe Loader 450	\$282,876
Skid Steer Loader w/ attachments 299	\$242,234
D4 Dozer	\$326,084
Ford F250 Crew Cab Diesel 4WD	\$75,000
E-Cube 2,000 Gallon Fuel Storage Tank	\$25,270
Accessories	\$30,000
Total	\$1,420,758

Attachment

- 1) Proposal Quotes for Equipment Purchases

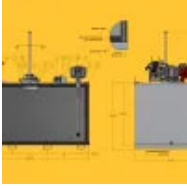
Stock Tanks Other Emergency Transportable Fuel
Storage Fuel Spill Containment Turn-key Systems

2,000 Gallon | Fuel Storage Tank | UL2085 – Fireguard | Portable Turn-key System

SKU: ECUBE500FG

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~~\$27,832.19~~ 20,389.16

E-Cube 2,000 Gallon | Fuel Storage Tank | UL2085 – Fireguard | Above-Ground Fuel Storage Tank & Dispensing System

- Complete & Turn-key (connect to power, add fuel, and your ready to go)
- 2,000 Gallon Fuel Storage Tank
- STI Fireguard® / UL2085 / NFPA 30 and 30a (can be used in any state including California)
- Turn-key Features:
 - 15, 20, or 35 gallons per minute pump (retail gas stations pump at 10gpm max)
 - 18' x 3/4" to 100' x 1" hose w/ retractable Hannay hose reel
 - 16" man-way for easy tank maintenance and cleaning
 - 7.5 gallon rust-proof aluminum spill bucket
 - Fuel level gauge, emergency & standard vents included (meets all US state requirements), interstitial leak gauge
- Ballistic resistant
- Vehicle impact resistant
- Survives brutal 4-hour 2000° furnace test
- 30 year tank warranty backed by the Steel Tank Institute (STI)

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Fill-rite 15GPM (Pump Only) ▼

Hose & Hose Reel Options *

18' Hose Without Hose Reel ▼

1

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Leo Ferrando

Subject: FW: Quote and Tank info

From: Randy Headley <randy@envirosafetanks.com>

Sent: Thursday, November 30, 2023 8:39 AM

To: Matthew Flordelis <MatthewF@sbumwd.com>

Subject: Quote and Tank info

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Matt, here is the quote with an estimated shipping cost

Estimated shipping cost is 4880.00

<https://abovegroundfuelstorage.com/product/2000-gallon-fuel-storage-tank-ul2085-fireguard-portable-turn-key-system/>

Randy Headley

Sales Engineer

MEMCO, Inc. DBA: Envirosafe Tanks

randy@envirosafetanks.com

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Leo Ferrando

Subject: FW: Ford F250 4WD CREW CAB
Attachments: SB--windowsticker.pdf

From: Eric Mills <emills@sbumwd.com>
Sent: Wednesday, December 13, 2023 7:15 AM
To: Wen Huang <wenh@sbumwd.com>
Subject: Fwd: Ford F250 4WD CREW CAB

Morning, here is Ford quote.
Sent from iPhone

Begin forwarded message:

From: Lax <Lax@kengrodyford.com>
Date: November 30, 2023 at 10:43:41 AM PST
To: Eric Mills <emills@sbumwd.com>
Subject: Ford F250 4WD CREW CAB

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Hello Eric,

Please see the numbers shown below for the Crew Cab

Ford F250 Crew Cab Diesel 4WD

Please [CLICK HERE](#) to see the pictures. This is a similar vehicle but this one is in Redlands.

Cash Deal

Market Value	66,040.00
Discount Savings	-4,259.00
Vehicle Price	61,781.00
Document Prep Fee	85.00
Tire/Battery/VTR Fee	8.75
Other Fee	33.00
Sales Tax	5,413.28

Due On Delivery	67,321.03
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Tax: 8.75% TAX

8.75 %

*** Incentive programs, Rebates, Rates, Terms and Payments are estimates, subject to change and are impacted by individual credit history and are subject to credit approval and program verification.**

They want me to count this deal for today. Can we get the PO. I am going below Invoice to make this deal.

Kind regards,
Lax Weerasinghe
Fleet Manager
Ken Grody Ford – Redlands
909-499-4422 (Call or text)

If you like to apply for commercial credit please [CLICK HERE](#) to get pre- Approved

Ask your Tax Person regarding the Section179 – Please [CLICK HERE](#) to learn about it.. You can save upto 1.16 million